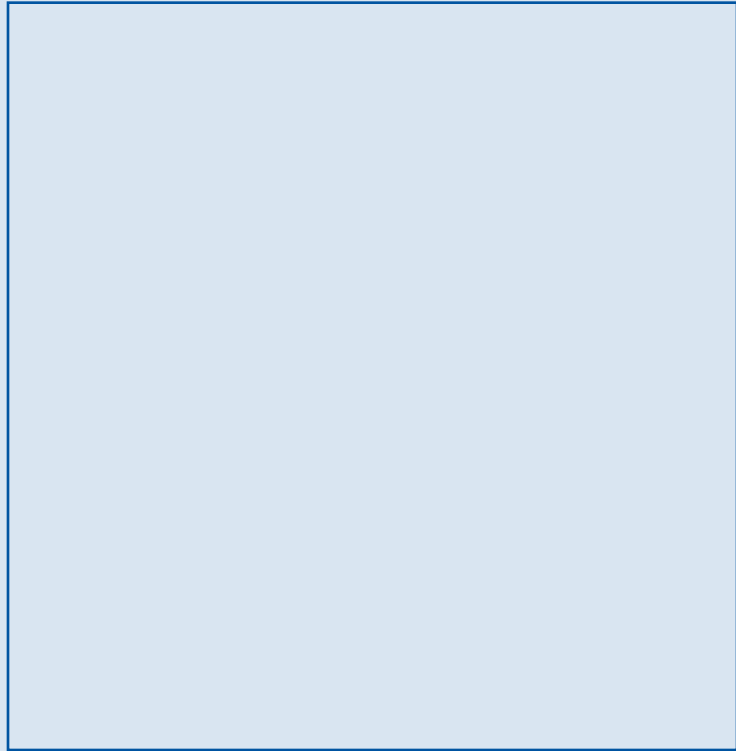
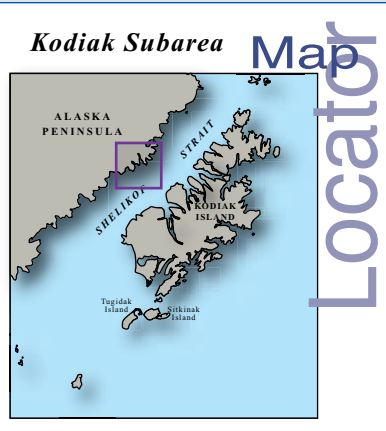
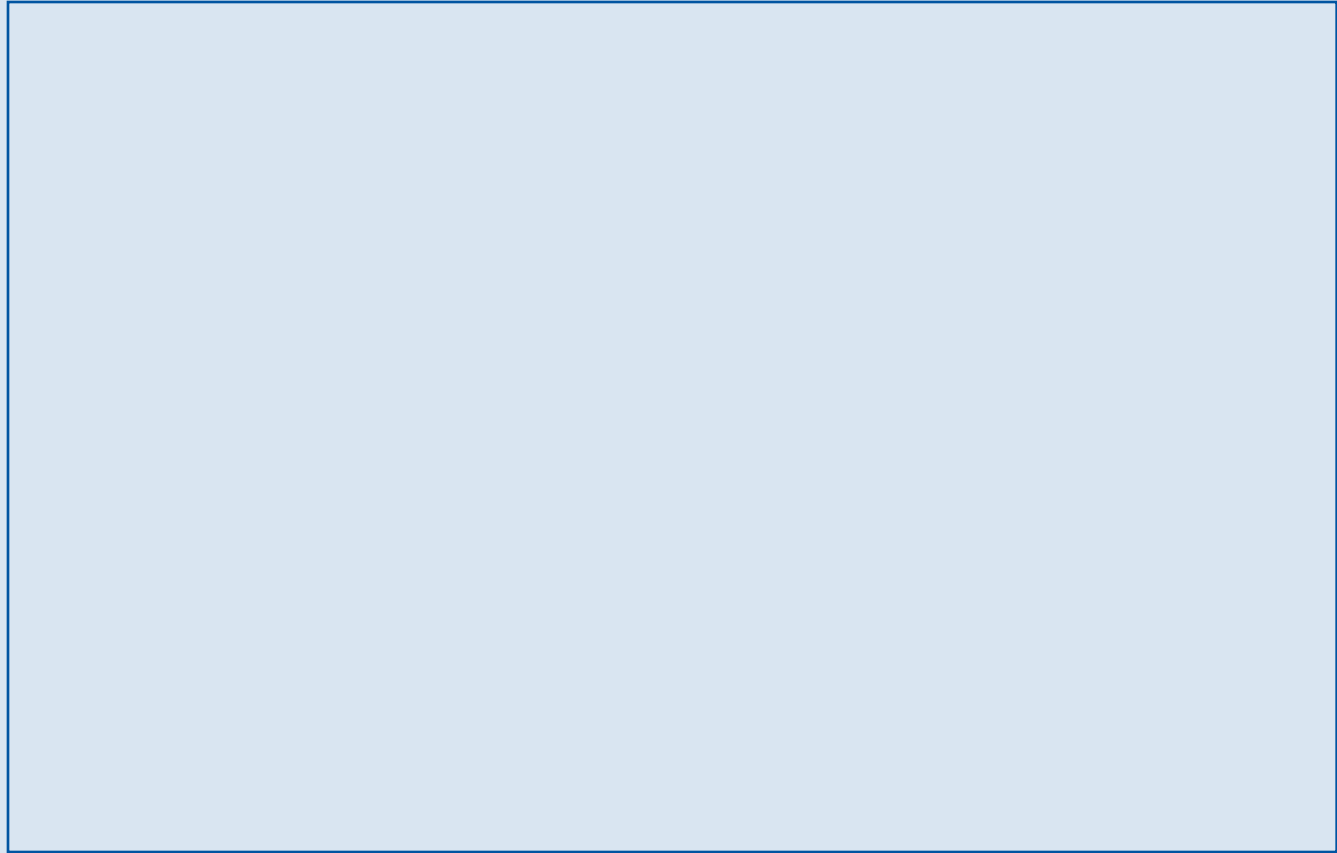


Places of Refuge

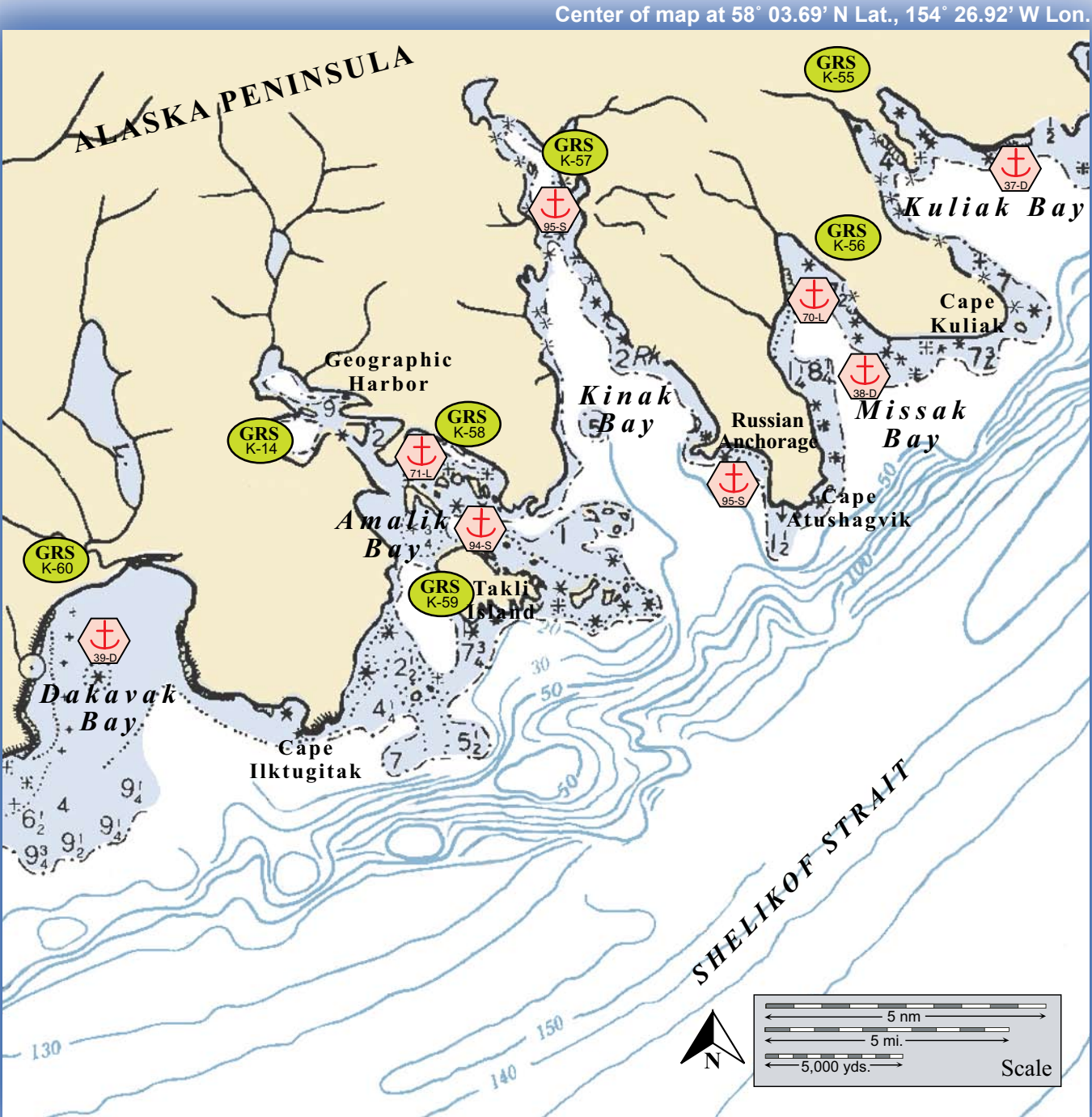


Kodiak Map 11 photos.....



Kodiak Map 11 photos.....

Potential Places of Refuge for Kodiak Island Subarea



This is not intended for navigational use.

Soundings in fathoms

	Anchorage		Airport
	Mooring		Existing GRS
	Dock/pier		Fish Hatchery
	Grounding Site		Public Use Cabins
	Crane		Private Cabins

Kodiak PPOR Map 11

Kodiak PPOR-11 Site Considerations – Southern Mainland Area							
Name	Kuliak Bay	Missak Bay	Dakavak Bay	Missak Bay	Amalik Bay	Russian Anchorage	Kinak Bay
ID Number	37-D	38-D	39-D	70-L	71-L	95-S	96-S
Human Health & Safety							
Communities – distances-nm	Karluk-42, Larsen Bay-40, Port Lions-50, Kodiak-60	Karluk-34,Larsen Bay-37,Kodiak-76	Karluk-29,Larsen Bay-39,Kodiak-82	Karluk-34,Larsen Bay-37,Kodiak-76	Karluk-30,Larsen Bay-38,Kodiak-78	Karluk-30,Larsen Bay-38,Kodiak-78	Karluk-34,Larsen Bay-42,Kodiak-82
Natural Resource Considerations							
Wildlife	Sea lions, harbor seals, otters, salmon spawning, seabird nesting, waterfowl concentrations, eagle nesting, bears	Sea lions, harbor seals, otters, salmon & herring spawning, seabird nesting,waterfowl concentrations, eagle nesting, bears					
Threatened & Endangered Species	Sea lions feed throughout the area				Sea lion haul-outs on Takli Is.	Sea lions feed throughout the area	
Environmentally Sensitive Areas	All sites are designated as a High Priority Environmentally Sensitive Area						
Other Stakeholder Considerations							
Fisheries	Salmon, herring, crab, groundfish						
Mariculture	None						
Subsistence	None						
Historic Property ???							
Tourism/Recreation	High recreational use area- sport fishing, anchorage, excursion boats, wildlife viewing						
Waterfront Public Facilities/Parks	Katmai National Park & Preserve-no facilities available						
Waterfront Private Facilities	None						
Response and Salvage Resource Considerations							
Ability to Boom Vessel	Weather dependent				Yes	Weather dependent	
Geographic Response Strategies	K-55 Kuliak Bay	K-56 Missak Bay, K-55 Kuliak Bay, K-57 Kinak Bay	K-60 Dakavak Bay	K-56 Missak Bay, K-55 Kuliak Bay, K-57 Kinak Bay	K-58 Amalik Bay, K-59 Takli Island, K-14 Geographic Harbor,K-57 Kinak Bay		
Closest Alternative Places of Refuge	PPOR 10-36-D Kukak Point-11.5nm	PPOR10-37-D Kuliak Bay-5.2nm	PPOR11-38-D Missak Bay-17.5nm	PPOR11-71-L Amalik Bay-13.5nm	PPOR11-70-L MissakBay-13.5nm	PPOR11-96-S Kinak Bay-5nm	PPOR11-95-S Russian Anchorage-5nm

Kodiak PPOR-11 Southern Mainland Area Stakeholders	
Landowner (yr-2006)	Contact
Katmai National Park & Preserve	Superintendent

Kodiak PPOR-11 Physical and Operational Characteristics – Southern Mainland Area							
Name	Kuliak Bay	Missak Bay	Dakavak Bay	Missak Bay	Amalik Bay	Russian Anchorage	Kinak Bay
ID Number	37-D	38-D	39-D	70-L	71-L	95-S	96-S
Anchorage Locations	58°10.37'N 154°12.17'W	58°06.59'N 154°16.88'W	58°02.94'N 154°40.32'W	58°07.71'N 154°19.21'W	58°05.82'N 154°31.15'W	58°05.32'N 154°21.50'W	58°09.67'N 154°26.56'W
Mooring Locations	Nearest PPOR 02-44-L Kazakof Bay-1 Moorage						
Docks/Piers	Nearest PPOR 08-89-S Port Bailey Cannery-10ft. max vessel draft at MLLW						
Type of Berthing	Anchorage						
Contact	N/A						
Navigational Approach	Approach from SE	Approach from S,E	Approach from SE	Approach from SE	Approach from SE	Approach from S	
Minimum Water Depths	13 Fathoms in swing area	12 Fathoms in swing area	8 Fathoms on approach	8.3 Fathoms in swing area	5.2 Fathoms on approach	11 Fathoms on approach	9 Fathoms on approach
Maximum Water Depth	29 Fathoms in swing area	36 Fathoms in swing area	19 Fathoms in swing area	30 Fathoms in swing area	14 Fathoms in swing area	25 Fathoms in swing area	44 Fathoms in swing area
Maximum Vessel Draft	60 ft			35 ft.		25 ft.	
Swing Room	3000 ft.	3000 ft.	3000 ft.	2400 ft.	1000 ft.	1200 ft.	600 ft.
Bottom Type	Mud, Shells	Mud			Sand	Sand,Shells	Mud
Grounding Sites	????						
Prevailing Winds	????						
Currents	Alaska Coastal Current runs SE down Shelikof Strait						
Tides	Mean High Water-12.5 (Higher-13.3) , Mean Low Water- 1.4 (Lower- -4.0)						
Sea Conditions	Exposed to swell from the S,E,NE	Exposed to swell from the S,E,NE	Exposed to swell from the SW,S,SE	Exposed to swell from the S,E	Sheltered	Exposed to swell from the SW,S,SE	Exposed to swell from the S
Shelter from Severe Storms	Exposed to storms from the S,E,NE	Exposed to storms from the S,E,NE	Exposed to storms from the SW,S,SE	Exposed to storms from the S,E	Sheltered	Exposed to storms from the SW,S,SE	Exposed to storms from the S
Fog	Fog can occur during all seasons.						

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the ??? Sub-Area Contingency Plan: ???